



PTO/SB/17 (12/99)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2000 <small>Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.</small>	Complete if Known	
	Application Number	09/817,459
	Filing Date	March 26, 2001
	First Named Inventor	Fritz Schwertfeger
	Examiner Name	Lovering, R.D.
	Group / Art Unit	1712
TOTAL AMOUNT OF PAYMENT (\$2,192.00)		
Attorney Docket No. HOE96/F319CON		

METHOD OF PAYMENT (check one) 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number <u>19-0733</u> Deposit Account Name <u>Banner & Witcoff, LTD</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other	FEE CALCULATION (continued) 3. ADDITIONAL FEES <table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Small Entity Fee Code</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130 205 65</td><td>Surcharge - late filing fee or oath</td><td>0.00</td></tr><tr><td>127</td><td>50 227 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>0.00</td></tr><tr><td>139</td><td>130 139 130</td><td>Non-English specification</td><td>0.00</td></tr><tr><td>147</td><td>2,520 147 2,520</td><td>For filing a request for reexamination</td><td>0.00</td></tr><tr><td>112</td><td>920* 112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>0.00</td></tr><tr><td>113</td><td>1,840* 113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>0.00</td></tr><tr><td>115</td><td>110 215 55</td><td>Extension for reply within first month</td><td>0.00</td></tr><tr><td>116</td><td>380 216 190</td><td>Extension for reply within second month</td><td>0.00</td></tr><tr><td>117</td><td>870 217 435</td><td>Extension for reply within third month</td><td>920.00</td></tr><tr><td>118</td><td>1,360 218 680</td><td>Extension for reply within fourth month</td><td>0.00</td></tr><tr><td>128</td><td>1,850 228 925</td><td>Extension for reply within fifth month</td><td>0.00</td></tr><tr><td>119</td><td>300 219 150</td><td>Notice of Appeal</td><td>0.00</td></tr><tr><td>120</td><td>300 220 150</td><td>Filing a brief in support of an appeal</td><td>0.00</td></tr><tr><td>121</td><td>260 221 130</td><td>Request for oral hearing</td><td>0.00</td></tr><tr><td>138</td><td>1,510 138 1,510</td><td>Petition to institute a public use proceeding</td><td>0.00</td></tr><tr><td>140</td><td>110 240 55</td><td>Petition to revive - unavoidable</td><td>0.00</td></tr><tr><td>141</td><td>1,210 241 605</td><td>Petition to revive - unintentional</td><td>0.00</td></tr><tr><td>142</td><td>1,210 242 605</td><td>Utility issue fee (or reissue)</td><td>0.00</td></tr><tr><td>143</td><td>430 243 215</td><td>Design issue fee</td><td>0.00</td></tr><tr><td>144</td><td>580 244 290</td><td>Plant issue fee</td><td>0.00</td></tr><tr><td>122</td><td>130 122 130</td><td>Petitions to the Commissioner</td><td>0.00</td></tr><tr><td>123</td><td>50 123 50</td><td>Petitions related to provisional applications</td><td>0.00</td></tr><tr><td>126</td><td>240 126 240</td><td>Submission of Information Disclosure Stmt</td><td>0.00</td></tr><tr><td>581</td><td>40 581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td>0.00</td></tr><tr><td>146</td><td>690 246 345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td>0.00</td></tr><tr><td>149</td><td>690 249 345</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td>0.00</td></tr><tr><td colspan="3">Other fee (specify) <u>Terminal Disclaimer</u></td><td>110.00</td></tr><tr><td colspan="3">Other fee (specify) _____</td><td>0.00</td></tr><tr><td colspan="3">SubTOTAL (3)</td><td>(\$) 1,030.00</td></tr></tbody></table>	Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	105	130 205 65	Surcharge - late filing fee or oath	0.00	127	50 227 25	Surcharge - late provisional filing fee or cover sheet	0.00	139	130 139 130	Non-English specification	0.00	147	2,520 147 2,520	For filing a request for reexamination	0.00	112	920* 112 920*	Requesting publication of SIR prior to Examiner action	0.00	113	1,840* 113 1,840*	Requesting publication of SIR after Examiner action	0.00	115	110 215 55	Extension for reply within first month	0.00	116	380 216 190	Extension for reply within second month	0.00	117	870 217 435	Extension for reply within third month	920.00	118	1,360 218 680	Extension for reply within fourth month	0.00	128	1,850 228 925	Extension for reply within fifth month	0.00	119	300 219 150	Notice of Appeal	0.00	120	300 220 150	Filing a brief in support of an appeal	0.00	121	260 221 130	Request for oral hearing	0.00	138	1,510 138 1,510	Petition to institute a public use proceeding	0.00	140	110 240 55	Petition to revive - unavoidable	0.00	141	1,210 241 605	Petition to revive - unintentional	0.00	142	1,210 242 605	Utility issue fee (or reissue)	0.00	143	430 243 215	Design issue fee	0.00	144	580 244 290	Plant issue fee	0.00	122	130 122 130	Petitions to the Commissioner	0.00	123	50 123 50	Petitions related to provisional applications	0.00	126	240 126 240	Submission of Information Disclosure Stmt	0.00	581	40 581 40	Recording each patent assignment per property (times number of properties)	0.00	146	690 246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00	149	690 249 345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00	Other fee (specify) <u>Terminal Disclaimer</u>			110.00	Other fee (specify) _____			0.00	SubTOTAL (3)			(\$) 1,030.00
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid																																																																																																																						
105	130 205 65	Surcharge - late filing fee or oath	0.00																																																																																																																						
127	50 227 25	Surcharge - late provisional filing fee or cover sheet	0.00																																																																																																																						
139	130 139 130	Non-English specification	0.00																																																																																																																						
147	2,520 147 2,520	For filing a request for reexamination	0.00																																																																																																																						
112	920* 112 920*	Requesting publication of SIR prior to Examiner action	0.00																																																																																																																						
113	1,840* 113 1,840*	Requesting publication of SIR after Examiner action	0.00																																																																																																																						
115	110 215 55	Extension for reply within first month	0.00																																																																																																																						
116	380 216 190	Extension for reply within second month	0.00																																																																																																																						
117	870 217 435	Extension for reply within third month	920.00																																																																																																																						
118	1,360 218 680	Extension for reply within fourth month	0.00																																																																																																																						
128	1,850 228 925	Extension for reply within fifth month	0.00																																																																																																																						
119	300 219 150	Notice of Appeal	0.00																																																																																																																						
120	300 220 150	Filing a brief in support of an appeal	0.00																																																																																																																						
121	260 221 130	Request for oral hearing	0.00																																																																																																																						
138	1,510 138 1,510	Petition to institute a public use proceeding	0.00																																																																																																																						
140	110 240 55	Petition to revive - unavoidable	0.00																																																																																																																						
141	1,210 241 605	Petition to revive - unintentional	0.00																																																																																																																						
142	1,210 242 605	Utility issue fee (or reissue)	0.00																																																																																																																						
143	430 243 215	Design issue fee	0.00																																																																																																																						
144	580 244 290	Plant issue fee	0.00																																																																																																																						
122	130 122 130	Petitions to the Commissioner	0.00																																																																																																																						
123	50 123 50	Petitions related to provisional applications	0.00																																																																																																																						
126	240 126 240	Submission of Information Disclosure Stmt	0.00																																																																																																																						
581	40 581 40	Recording each patent assignment per property (times number of properties)	0.00																																																																																																																						
146	690 246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00																																																																																																																						
149	690 249 345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00																																																																																																																						
Other fee (specify) <u>Terminal Disclaimer</u>			110.00																																																																																																																						
Other fee (specify) _____			0.00																																																																																																																						
SubTOTAL (3)			(\$) 1,030.00																																																																																																																						
FEE CALCULATION 1. BASIC FILING FEE <table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Small Entity Fee Code</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>101</td><td>690 201 345</td><td>Utility filing fee</td><td>0.00</td></tr><tr><td>106</td><td>310 206 155</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>480 207 240</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>690 208 345</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>150 214 75</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="3">SubTOTAL (1)</td><td>(\$) 0.00</td></tr></tbody></table> 2. EXTRA CLAIM FEES <table border="1"><thead><tr><th>Total Claims</th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>87</td><td>-20** = 21</td><td>X 18 =</td><td>378</td></tr><tr><td>Independent Claims</td><td>13</td><td>- 3** = 6</td><td>X 84 = 504</td></tr><tr><td>Multiple Dependent</td><td></td><td>280</td><td>= 280</td></tr></tbody></table> <small>**or number previously paid, if greater; For Reissues, see below</small> <table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Small Entity Fee Code</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>103</td><td>18 203 9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>102</td><td>78 202 39</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104</td><td>260 204 130</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>109</td><td>78 209 39</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>110</td><td>18 210 9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="3">SubTOTAL (2)</td><td>(\$) 1,162.00</td></tr></tbody></table>	Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	101	690 201 345	Utility filing fee	0.00	106	310 206 155	Design filing fee		107	480 207 240	Plant filing fee		108	690 208 345	Reissue filing fee		114	150 214 75	Provisional filing fee		SubTOTAL (1)			(\$) 0.00	Total Claims	Extra Claims	Fee from below	Fee Paid	87	-20** = 21	X 18 =	378	Independent Claims	13	- 3** = 6	X 84 = 504	Multiple Dependent		280	= 280	Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	103	18 203 9	Claims in excess of 20		102	78 202 39	Independent claims in excess of 3		104	260 204 130	Multiple dependent claim, if not paid		109	78 209 39	** Reissue independent claims over original patent		110	18 210 9	** Reissue claims in excess of 20 and over original patent		SubTOTAL (2)			(\$) 1,162.00																																																	
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid																																																																																																																						
101	690 201 345	Utility filing fee	0.00																																																																																																																						
106	310 206 155	Design filing fee																																																																																																																							
107	480 207 240	Plant filing fee																																																																																																																							
108	690 208 345	Reissue filing fee																																																																																																																							
114	150 214 75	Provisional filing fee																																																																																																																							
SubTOTAL (1)			(\$) 0.00																																																																																																																						
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																						
87	-20** = 21	X 18 =	378																																																																																																																						
Independent Claims	13	- 3** = 6	X 84 = 504																																																																																																																						
Multiple Dependent		280	= 280																																																																																																																						
Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid																																																																																																																						
103	18 203 9	Claims in excess of 20																																																																																																																							
102	78 202 39	Independent claims in excess of 3																																																																																																																							
104	260 204 130	Multiple dependent claim, if not paid																																																																																																																							
109	78 209 39	** Reissue independent claims over original patent																																																																																																																							
110	18 210 9	** Reissue claims in excess of 20 and over original patent																																																																																																																							
SubTOTAL (2)			(\$) 1,162.00																																																																																																																						

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Peter D. McDermott	Registration No. (Attorney/Agent)	29,411
Signature	<i>Peter D. McDermott</i>	Telephone	1-617-227-7111
		Date	24 Jan 2003

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.